

Serial No. 10/791,609

REMARKS:

Claims 10, 21-22, 25-41 and 43 are now pending in the application, with claims 10 and 35 being the independent claims. There are now two independent claims and a total of 22 claims. No additional fee is required as the Applicant has already paid for the two additional claims.

The Examiner objected to Claims 23-24 and 42, as being dependent upon a rejected claim, but stated that the claims would be allowable if written in independent form. Claim 23 depended only upon Claim 10. The Applicant has amended Claim 10 to include the additional limitation of Claim 23. Claim 24 depended upon Claim 23. Claim 23 has been amended to depend from Claim 10 (as amended herein).

Claim 42 depended upon Claim 35. Claim 35 has been amended to include the additional limitation of Claim 42. A full listing of the claims (including claim status) is attached hereto.

For the foregoing reasons, the pending claims are believed to be allowable over the applied art.

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Respectfully submitted,

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CLAIMS

1-9. (Cancelled)

10. (Twice Amended). A method for Enhancing the Visibility of images, comprising:

- a) Focusing an image upon a plurality of pixels;
- b) for each pixel of said plurality of pixels, determining the intensity of the light that falls upon the pixel; and
- c) adjusting each pixel's effect on light as a function of the intensity determination corresponding to that pixel, wherein each pixel's effect on light is controlled by the pixel's own embedded light sensitive element.

11 to 20. (Cancelled)

21. The method of claim 10, wherein the image is focused using an optical array comprised of optical devices.

22. The method of claim 10, wherein the image can be of any frequency range in the spectrum

23. (Cancelled)

24. (Amended Once) The method of claim ~~23~~ 10, wherein the embedded light sensitive element comprises a transistor.

25. The method of claim 10, wherein the light falling upon said plurality of pixels is reprocessed using an optical array.

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26. The method of claim 10, wherein the image is collimated and manipulated such that the enhanced image appears to have originated from the observed scenery.

27. The method of claim 10, wherein the image is collimated and manipulated such that the enhanced image is magnified.

28. The method of claim 10 where the same devices used for focusing the observed scenery are used for directing and collimating the said enhanced image.

29. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's translucency.

30. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's reflectivity.

31. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's light polarization.

32. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's light rotation.

33. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's light direction.

34. The method of claim 10, wherein each pixel is controlled by adjusting the pixel's light phase shift.

35. (Amended Once) A light controlled panel comprising:

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a plurality of pixels:

for each pixel of said plurality of pixels, means for determining the intensity of light that falls upon the individual pixel; and

means for adjusting each pixel's effect on light as a function of the intensity determination corresponding to that pixel, wherein said means for adjusting each pixel's effect on light comprises a plurality of control devices.

36. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's translucency.

37. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's reflectivity.

38. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's light polarization.

39. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's light rotation.

40. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's light direction.

41. The light controlled panel of claim 35, wherein each pixel is controlled by adjusting the pixel's light phase shift.

42. (Cancelled).

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43. The light controlled panel of claim 35, wherein each pixel has a corresponding control device.